

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017327.D
 Acq On : 25 Sep 2023 18:43
 Operator : MA/JU
 Sample : 04429-11RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBBM3

Quant Time: Sep 26 00:20:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

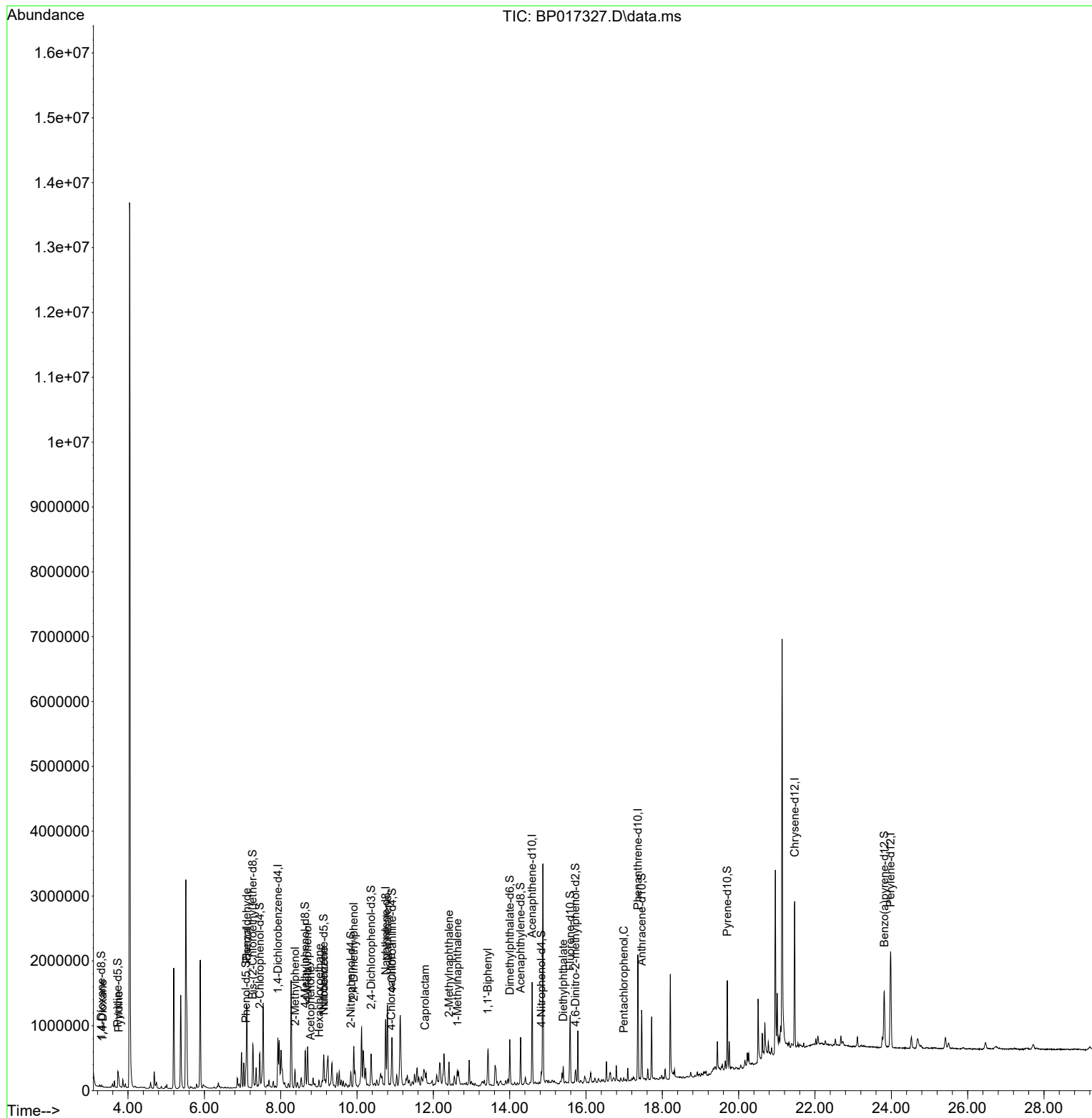
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	187372	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.752	136	820105	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.587	164	507703	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.357	188	1149548	20.000	ng/ul	-0.01
79) Chrysene-d12	21.469	240	1049194	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1167680	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	12590	2.760	ng/uL	0.00
4) Pyridine-d5	3.734	84	124786	9.785	ng/ul	0.00
7) Phenol-d5	7.087	99	149668	9.726	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	119660	12.885	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.452	132	132829	10.883	ng/ul	-0.01
15) 4-Methylphenol-d8	8.640	113	135069	11.290	ng/ul	-0.02
21) Nitrobenzene-d5	9.128	128	65213	10.999	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	62763	9.749	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	128670	10.579	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.916	131	381830	21.672	ng/ul	-0.01
46) Dimethylphthalate-d6	14.004	166	434203	11.938	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	449698	10.751	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.834	143	45697	7.212	ng/ul	0.00
60) Fluorene-d10	15.587	176	368881	11.781	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	29627	4.573	ng/ul	0.00
73) Anthracene-d10	17.457	188	592001	11.612	ng/ul	-0.01
81) Pyrene-d10	19.704	212	698563	12.312	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.816	264	638570	11.358	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	8872	1.899	ng/uL	96
5) Pyridine	3.758	79	75679	5.716	ng/ul	94
6) Benzaldehyde	7.111	77	32081	4.085	ng/ul#	1
8) Phenol	7.116	94	532588	34.409	ng/ul	98
13) 2-Methylphenol	8.375	108	72019	6.288	ng/ul	100
16) Acetophenone	8.781	105	18987	1.027	ng/ul#	90
18) 4-Methylphenol	8.705	108	241566	19.685	ng/ul	100
19) Hexachloroethane	9.010	117	13597	2.643	ng/ul#	7
22) Nitrobenzene	9.134	77	17133	1.139	ng/ul#	45
26) 2,4-Dimethylphenol	9.916	107	230070	16.553	ng/ul	97
30) Naphthalene	10.799	128	497110	11.641	ng/ul	99
32) 4-Chloroaniline	10.893	127	37550	2.224	ng/ul	97
34) Caprolactam	11.781	113	6492	1.874	ng/ul#	1
36) 2-Methylnaphthalene	12.410	142	159773	5.733	ng/ul	95
37) 1-Methylnaphthalene	12.628	142	95588	3.355	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	50418	1.309	ng/ul	100
59) Diethylphthalate	15.404	149	118867	3.356	ng/ul	97
71) Pentachlorophenol	16.987	266	8665	1.047	ng/ul	95

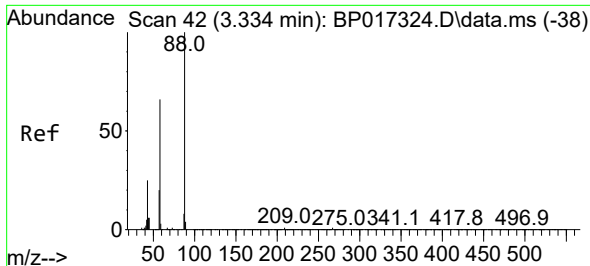
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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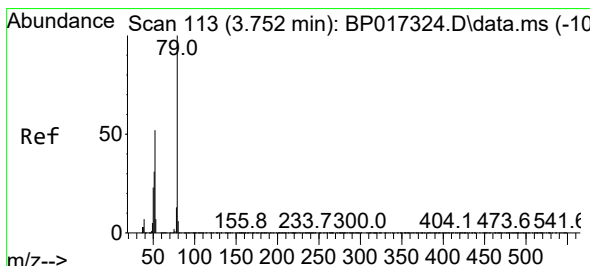
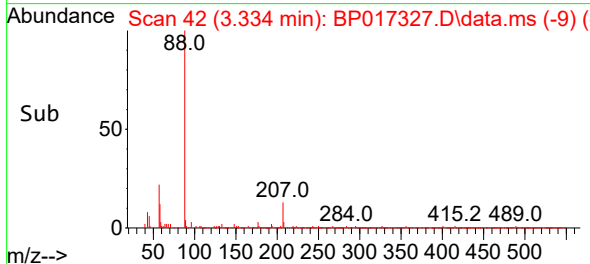
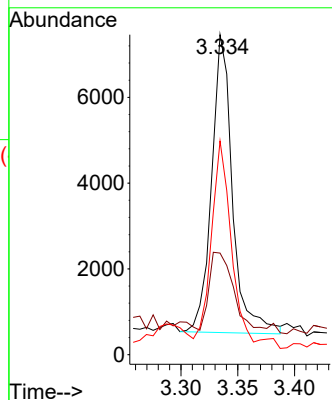
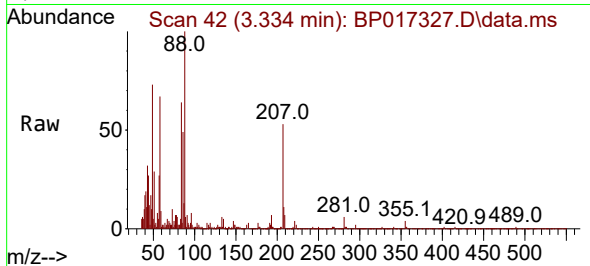




#2
1,4-Dioxane
Concen: 1.899 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

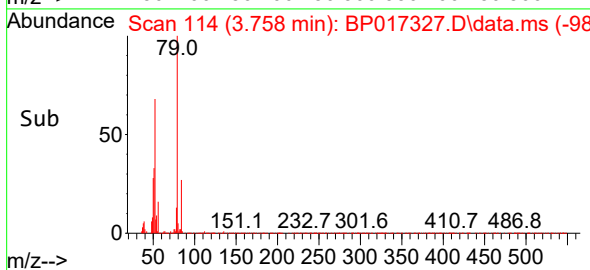
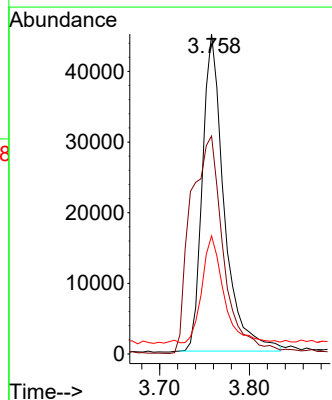
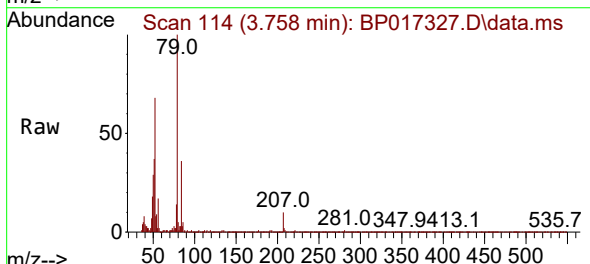
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ClientSampleId :
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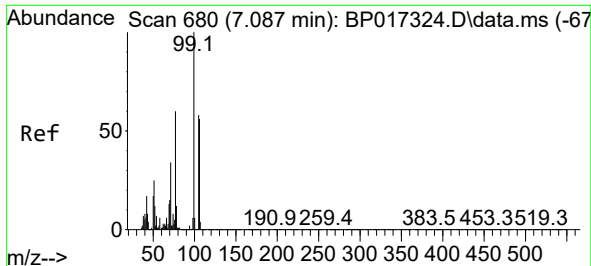
Tgt Ion: 88 Resp: 8872
Ion Ratio Lower Upper
88 100
43 31.7 25.0 37.4
58 66.8 56.6 84.8



#5
Pyridine
Concen: 5.716 ng/uL
RT: 3.758 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion: 79 Resp: 75679
Ion Ratio Lower Upper
79 100
52 68.1 51.4 77.2
51 36.9 25.4 38.2

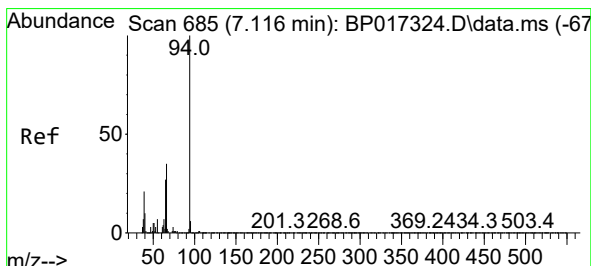
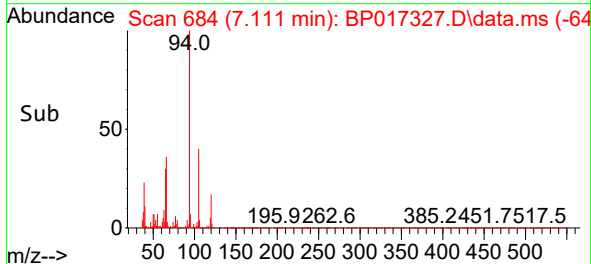
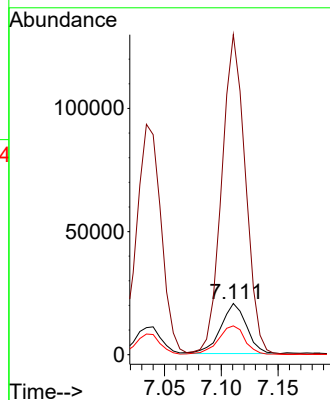
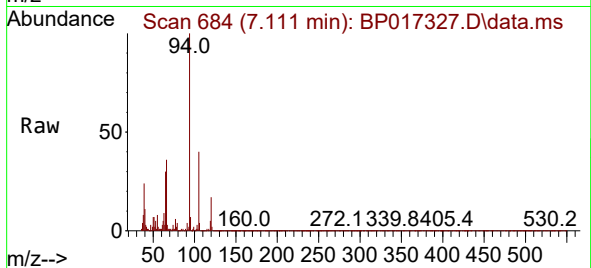




#6
Benzaldehyde
Concen: 4.085 ng/ul
RT: 7.111 min Scan# 684
Delta R.T. 0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

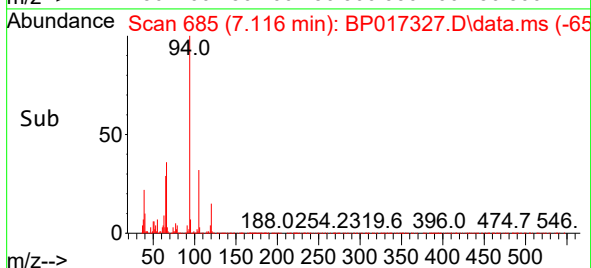
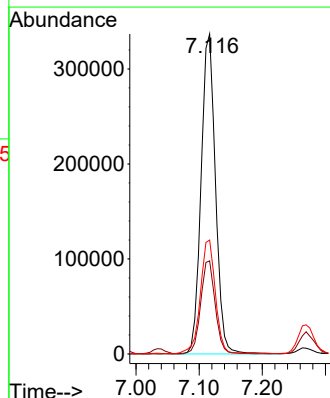
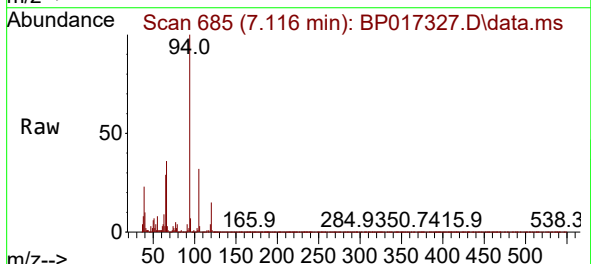
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ClientSampleId :
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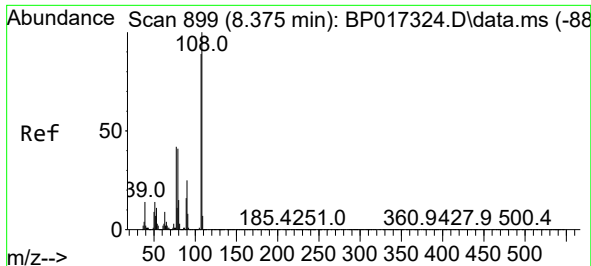
Tgt Ion: 77 Resp: 32081
Ion Ratio Lower Upper
77 100
105 624.0 78.0 117.0#
106 56.2 73.2 109.8#



#8
Phenol
Concen: 34.409 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. -0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion: 94 Resp: 532588
Ion Ratio Lower Upper
94 100
65 29.1 21.4 32.2
66 35.6 28.2 42.2

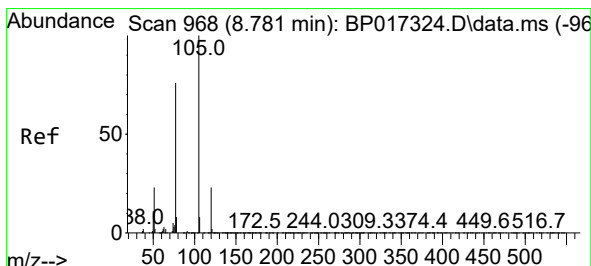
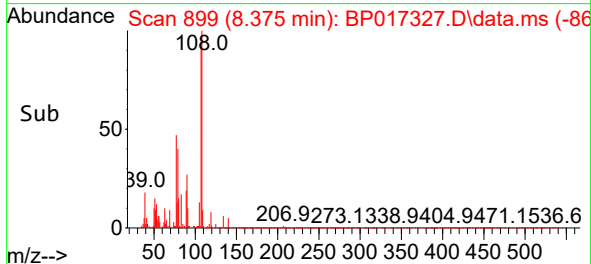
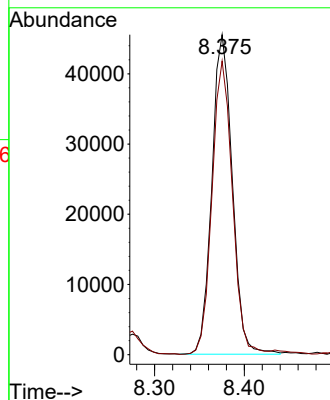
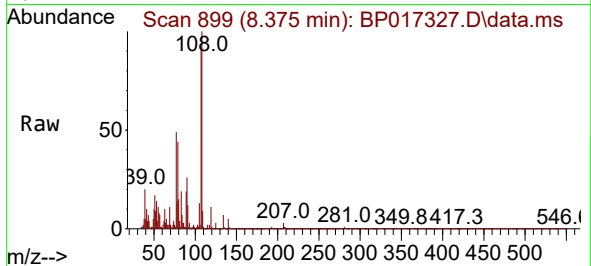




#13
2-Methylphenol
Concen: 6.288 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

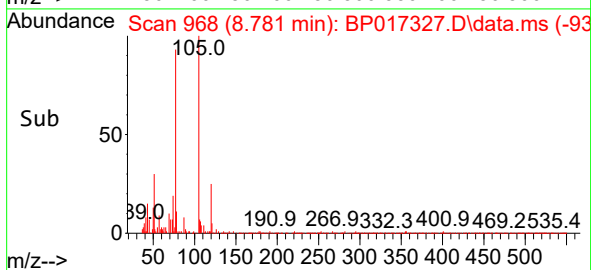
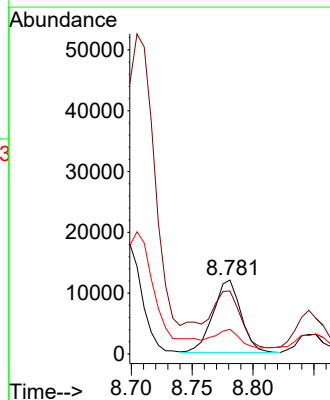
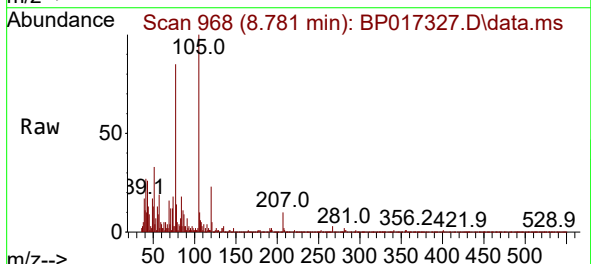
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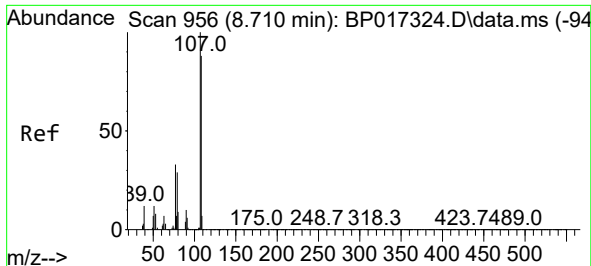
Tgt Ion:108 Resp: 72019
Ion Ratio Lower Upper
108 100
107 91.8 73.5 110.3



#16
Acetophenone
Concen: 1.027 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion:105 Resp: 18987
Ion Ratio Lower Upper
105 100
77 85.4 63.6 95.4
51 33.3 19.2 28.8#

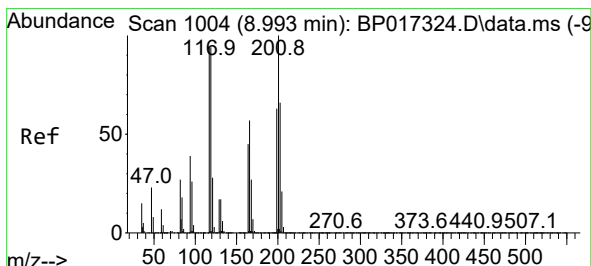
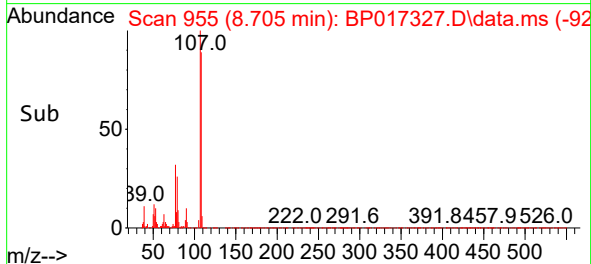
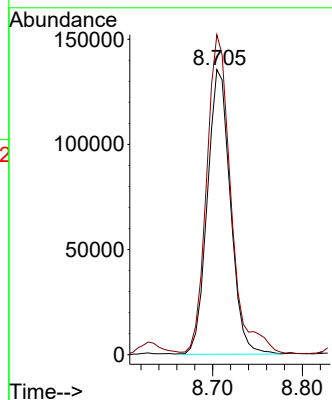
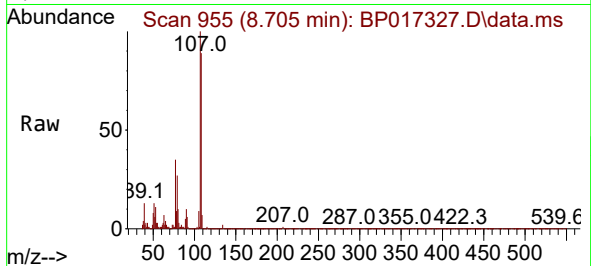




#18
4-Methylphenol
Concen: 19.685 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

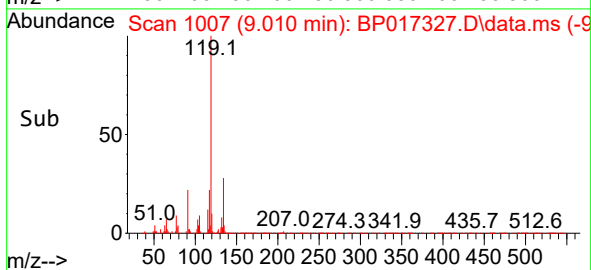
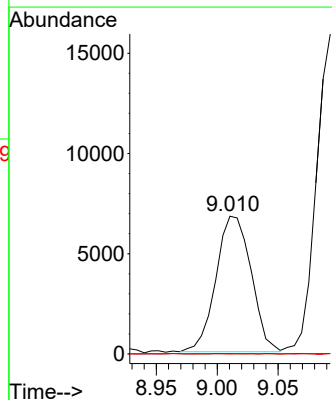
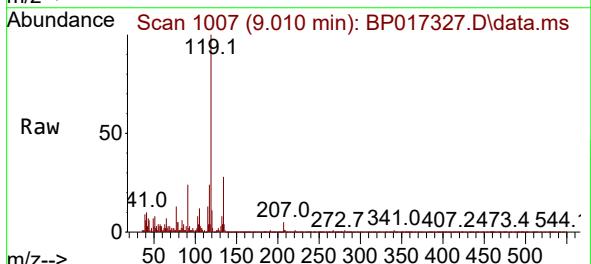
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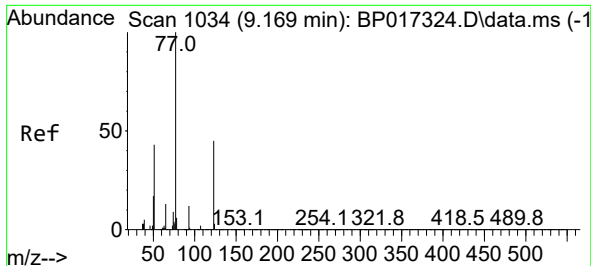
Tgt Ion:108 Resp: 241566
Ion Ratio Lower Upper
108 100
107 112.2 90.0 135.0



#19
Hexachloroethane
Concen: 2.643 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion:117 Resp: 13597
Ion Ratio Lower Upper
117 100
201 0.2 81.4 122.0#
199 0.0 52.4 78.6#

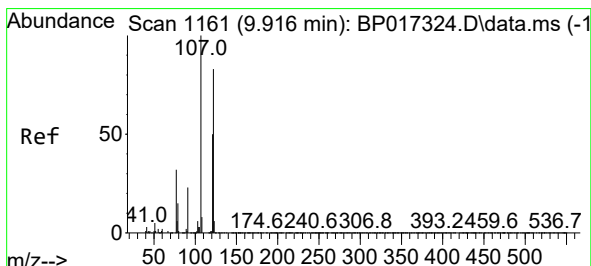
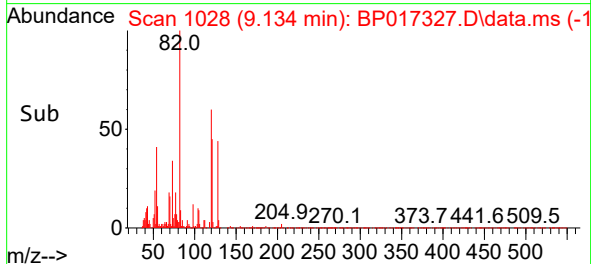
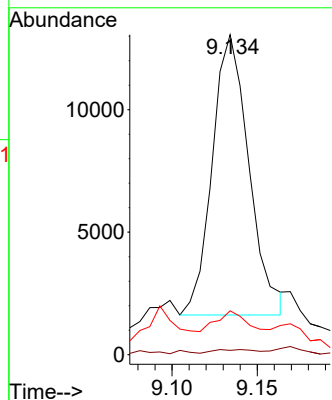
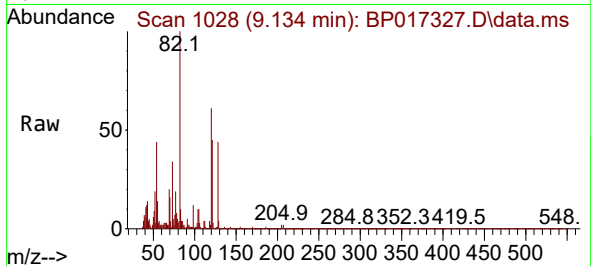




#22
Nitrobenzene
Concen: 1.139 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.047 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

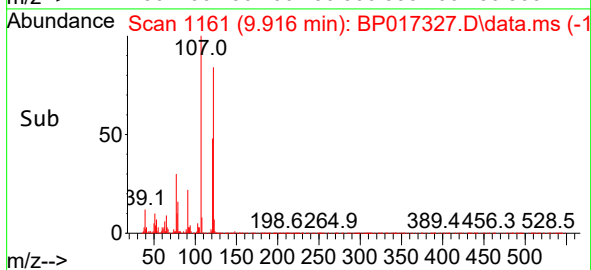
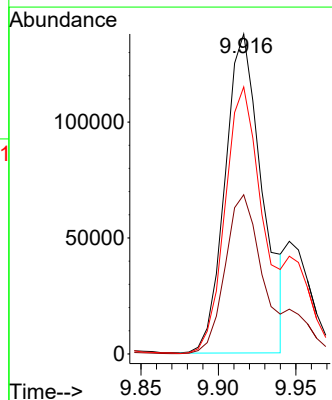
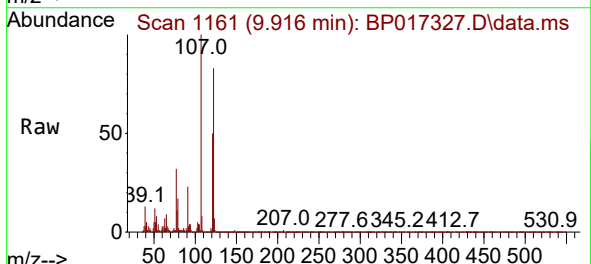
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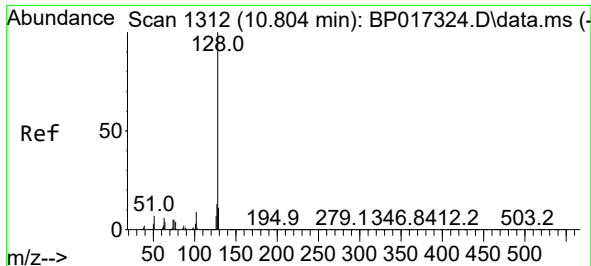
Tgt Ion: 77 Resp: 17133
Ion Ratio Lower Upper
77 100
123 1.4 37.4 56.0#
65 13.7 9.8 14.6



#26
2,4-Dimethylphenol
Concen: 16.553 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion: 107 Resp: 230070
Ion Ratio Lower Upper
107 100
121 49.7 41.1 61.7
122 83.4 69.4 104.0

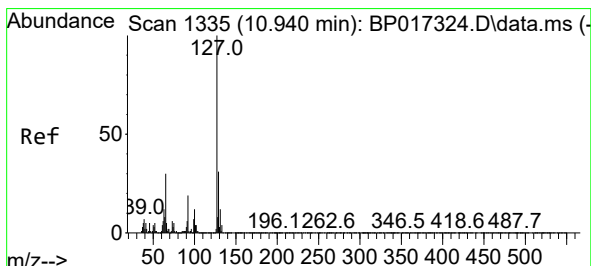
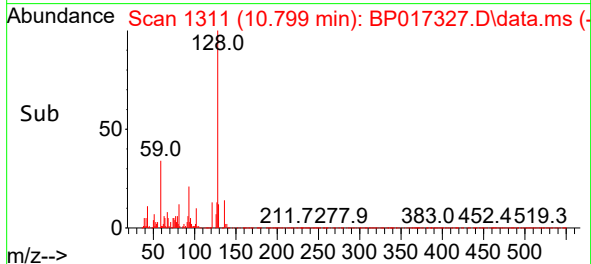
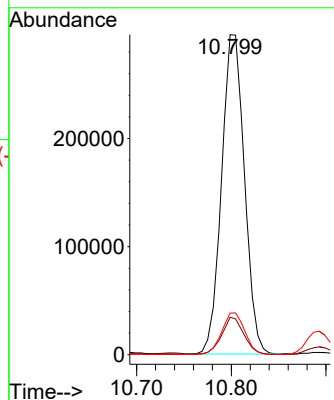
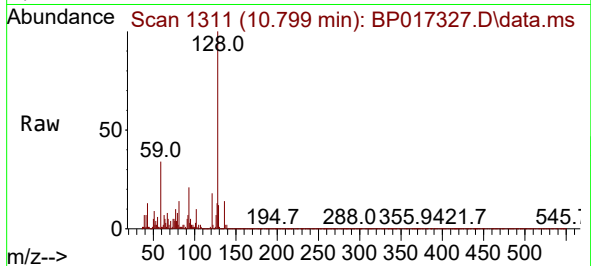




#30
Naphthalene
Concen: 11.641 ng/ul
RT: 10.799 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

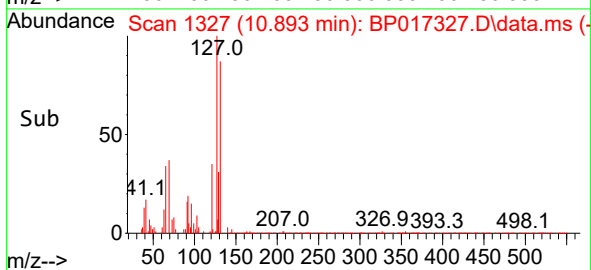
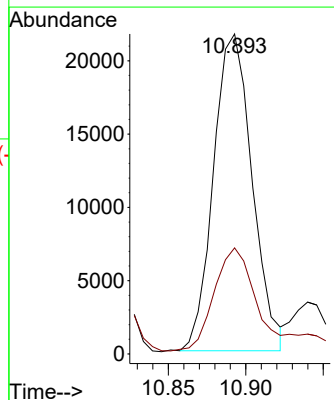
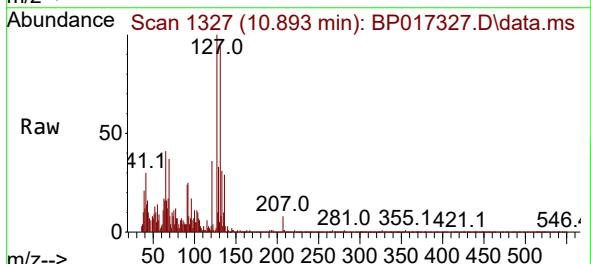
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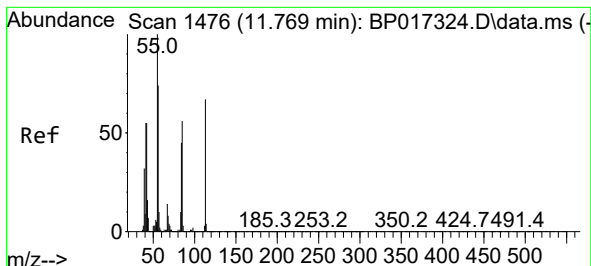
Tgt Ion:128 Resp: 497110
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 2.224 ng/ul
RT: 10.893 min Scan# 1327
Delta R.T. -0.059 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion:127 Resp: 37550
Ion Ratio Lower Upper
127 100
129 33.2 25.1 37.7





#34

Caprolactam

Concen: 1.874 ng/ul

RT: 11.781 min Scan# 1476

Delta R.T. 0.000 min

Lab File: BP017327.D

Acq: 25 Sep 2023 18:43

Instrument :

BNA_P

ClientSampleId :

BBBM3

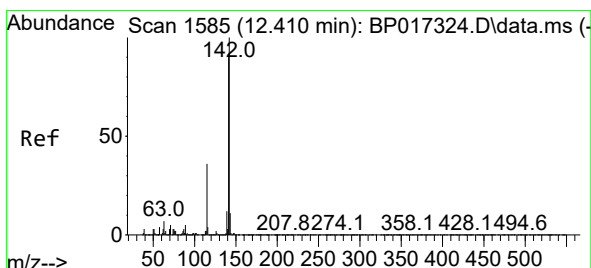
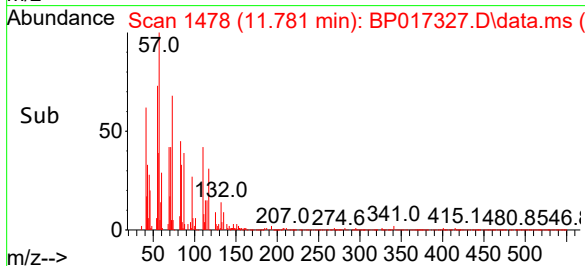
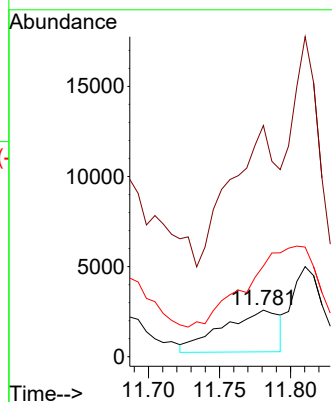
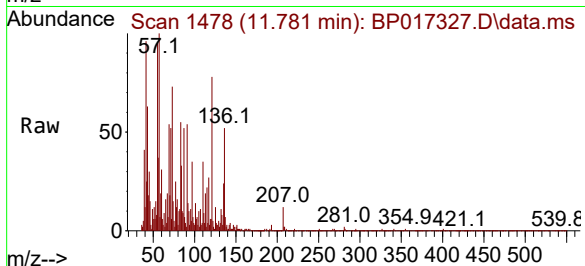
Tgt Ion:113 Resp: 6492

Ion Ratio Lower Upper

113 100

55 496.9 127.4 191.0#

56 194.9 94.5 141.7#



#36

2-Methylnaphthalene

Concen: 5.733 ng/ul

RT: 12.410 min Scan# 1585

Delta R.T. -0.012 min

Lab File: BP017327.D

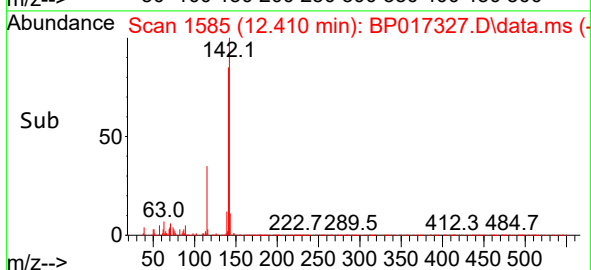
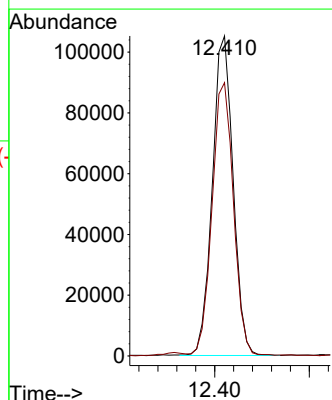
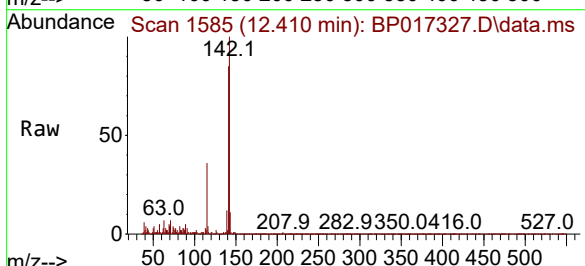
Acq: 25 Sep 2023 18:43

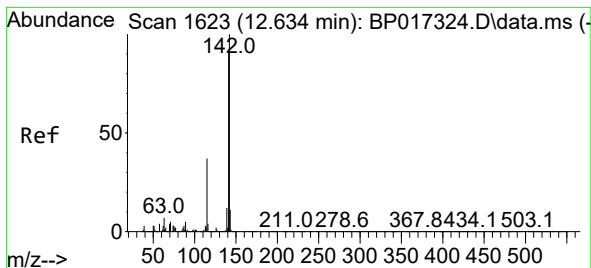
Tgt Ion:142 Resp: 159773

Ion Ratio Lower Upper

142 100

141 85.4 71.9 107.9





#37

1-Methylnaphthalene

Concen: 3.355 ng/ul

RT: 12.628 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017327.D

Acq: 25 Sep 2023 18:43

Instrument :

BNA_P

ClientSampleId :

BBBM3

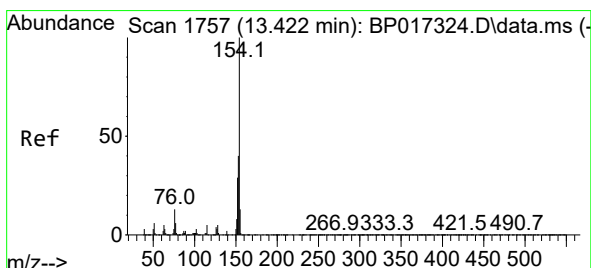
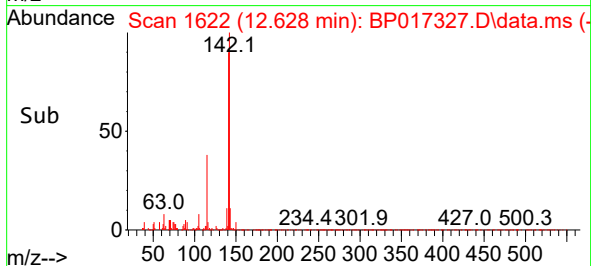
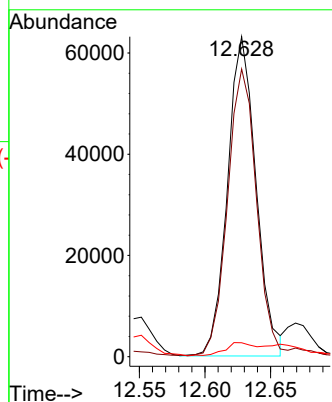
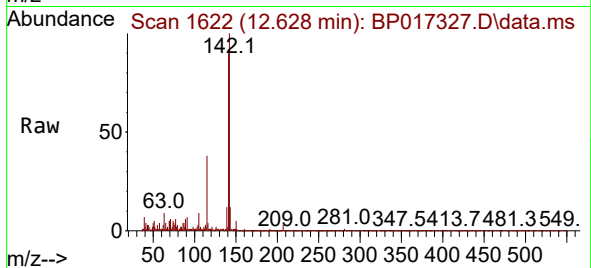
Tgt Ion:142 Resp: 95588

Ion Ratio Lower Upper

142 100

141 89.9 73.4 110.2

116 4.3 3.1 4.7



#43

1,1'-Biphenyl

Concen: 1.309 ng/ul

RT: 13.422 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BP017327.D

Acq: 25 Sep 2023 18:43

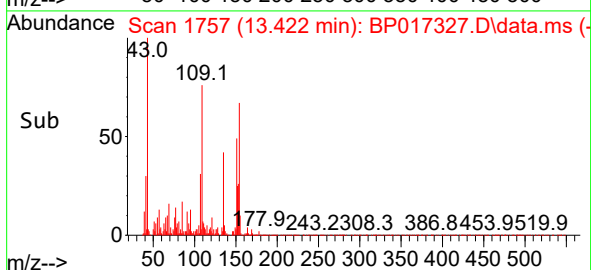
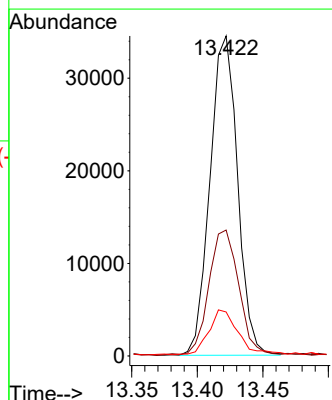
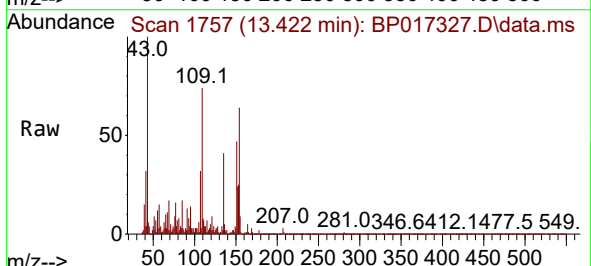
Tgt Ion:154 Resp: 50418

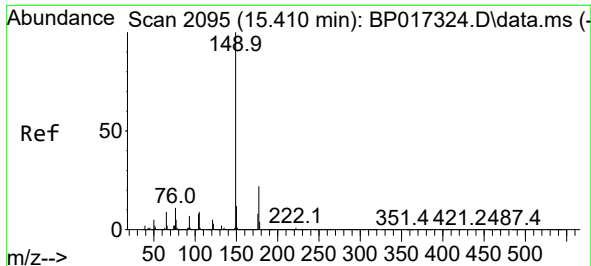
Ion Ratio Lower Upper

154 100

153 39.4 31.5 47.3

76 13.8 11.0 16.6

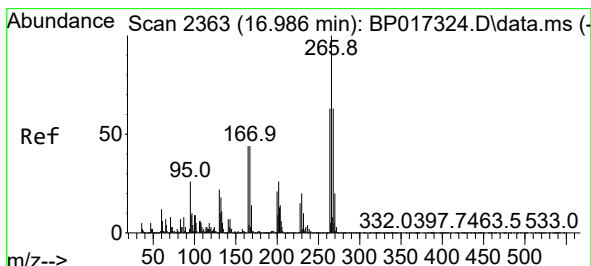
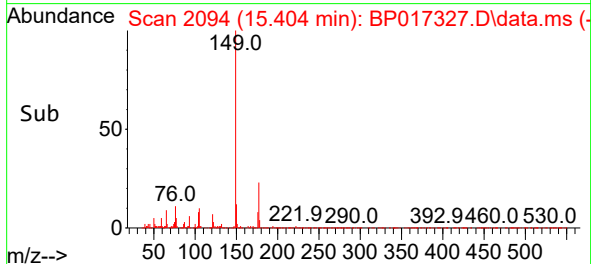
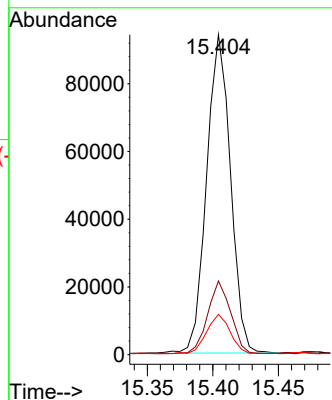
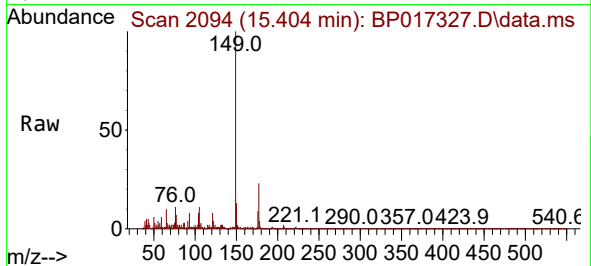




#59
Diethylphthalate
Concen: 3.356 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Instrument :
BNA_P
ClientSampleId :
BBBM3

Tgt Ion:149 Resp: 118867
Ion Ratio Lower Upper
149 100
177 23.0 17.0 25.6
150 12.6 9.8 14.6



#71
Pentachlorophenol
Concen: 1.047 ng/ul
RT: 16.987 min Scan# 2363
Delta R.T. -0.012 min
Lab File: BP017327.D
Acq: 25 Sep 2023 18:43

Tgt Ion:266 Resp: 8665
Ion Ratio Lower Upper
266 100
264 59.9 48.9 73.3
268 57.9 51.6 77.4

